

DIVISION OF FORESTRY

NEWS LETTER

STATE DEPT of NATURAL RESOURCES

SACRAMENTO, CALIFORNIA

Vol. 7 No. 12 W.H. Fairbank-Editor F.J. Skewes-Asst. Editor December, 1948

STATE FORESTER NELSON REPORTS DECEMBER HIGHLIGHTS

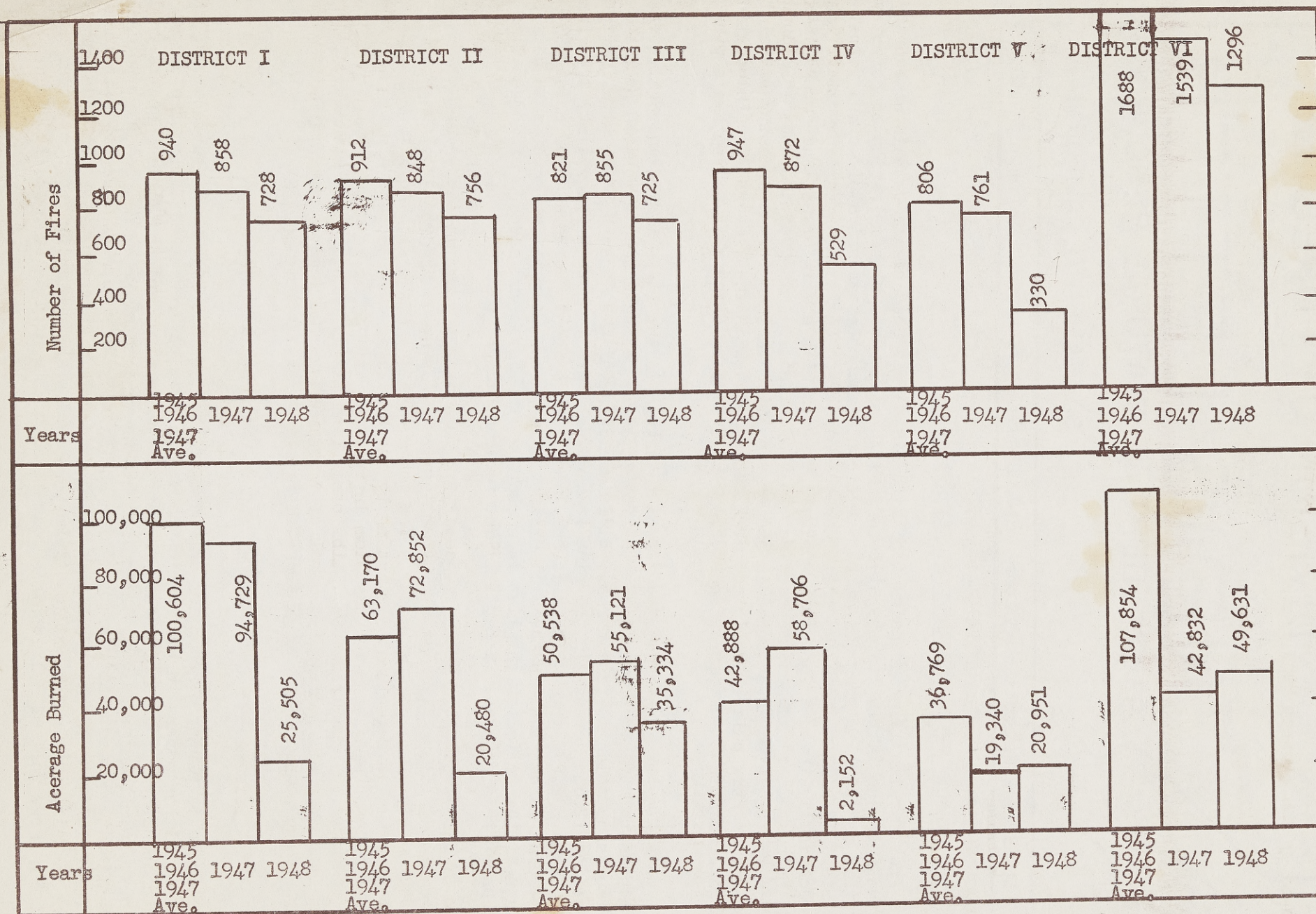
Tree farming is progressing in California. This encouraging fact is noteworthy in light of the increased attention the State of California, through the Division of Forestry, is giving this and similar programs of better forest management on privately-owned forest lands in this State. It will be recalled that there was added to Division of Forestry staff last year six technically trained foresters who were to work with small forest land owners in an attempt to bring better management practices to their lands. These men and other field personnel in the Division have worked in cooperation with various forest industry associations in this program. Particularly, this cooperation is noted with the Western Pine Association, the industrial organization that is sponsoring the Tree Farm program in California's pine region.

In a report recently received from this Association it is indicated that in the past six months thirty-six properties totalling 31,158 acres have been certified by the Western Pine Association as Tree Farms. Division field men have been helpful with thirty of these totalling 12,668 acres. In the pine area of California there are now sixty Tree Farms aggregating some 531,274 acres. This is only about ten percent of the area of privately-owned commercial forest land in the California pine region. Comparative records to date show California near the bottom of the list in number of Tree Farms and acreage of forest land certified under this program. A partial list for comparison follows:

Alabama	316	Tree Farms	2,141,733	acres
Arkansas	251	" "	3,900,843	" "
Mississippi	192	" "	441,162	" "
Tennessee	167	" "	276,102	" "
Texas	157	" "	2,490,178	" "
Washington	96	" "	2,066,641	" "
California	61	" "	532,126	" "
Florida	45	" "	1,100,436	" "
Montana	40	" "	705,672	" "
Oregon	39	" "	1,635,426	" "

There is plenty of room for improvement here in this State and, fortunately, there are many more timber owners in California who are willing to grow trees for future crops. This is a cooperative program of forest industry organizations and the various states to locate these owners, help them crystalize their thoughts on management problems, get them to declare their intention to protect their timber lands and finally to recognize these well-treated areas as Certified Tree Farms. Both number and acreage are important. Nation-wide surveys have shown that as a whole the smaller timber ownerships are receiving the worst treatment generally. A large part of California's commercial timber area is in small holdings.

COMPARATIVE RECORD OF *FOREST FIRES 1945-1948 ON LANDS PROTECTED BY CALIFORNIA DIVISION OF FORESTRY
DECEMBER 31 CUMULATIVE TOTAL FROM JANUARY 1



*THIS SUMMARY IS COMPILED FROM 10-DAY FIRE RECORDS AND WILL BE AT VARIANCE WITH THE FINAL YEARLY SUMMARY COMPILED FROM INDIVIDUAL FIRE REPORTS

NOTE: The error in the chart under acreage for District IV in the November News Letter has been noted and has been corrected.

To qualify for certification, a potential tree farmer must, under provisions established by the Western Pine Association:

1. Show his willingness to use the land under his control for production of forest crops.
2. Provide reasonable protection from fires, insects, and disease and from damage by excessive grazing.
3. Harvest forest crops from this Tree Farm in a manner which will insure future crops.
4. Furnish information when requested concerning progress on his Tree Farm.

The Western Pine Association inspects, certifies, and provides signs for posting timber areas in the pine region as Tree Farms. There is no cost involved for the owner.

Working in cooperation with this industrial organization, Division personnel have helped in contacting prospective individuals, have worked with them and the industrial representatives in order that their land may be certified as a Tree Farm. Although the forest advisory program is in its infancy in the Division, it is interesting to note that in the short space of a year the men have been of assistance in bringing better forest management practices to some areas of the State.

Over the past several weeks negotiations have been continued with responsible parties concerning the proposed acquisition of a State forest area of 3,350 acres in Lake County. Barring unforeseen circumstances, the details of this proposed acquisition should be in readiness in the near future to place in the hands of the State Forest Purchase Committee for action. The Committee is composed of the Governor, Director of Finance, Director of the Department of Natural Resources, and the Chairman of the California State Board of Forestry.

Reports have been received from the field this month concerning our seed collection program that was initiated this past season. Reports have indicated that the seed crop for White Fir, Ponderosa Pine, and Redwood was fair to good while that for Douglas Fir was a total failure. Anticipating a more active nursery program in future years, it is of utmost importance that seed stocks be accumulated. The stock will be kept in cold storage at the State Nursery at Davis.

During the past year the personnel in District II have operated an experimental branch nursery at the Whitmore CYA Camp in Shasta County. The plans are under way now to sell some 10,000 of the Ponderosa pine seedlings from that nursery to the U. S. Bureau of Reclamation who will use the planting stock to reforest some of the denuded area on the Keswick Dam watershed in Shasta County. The balance of the stock will be left for maturing or will be used in an experimental planting by the Division. The Western Pine Association has offered to cooperate with the Division in treating some of this nursery stock before planting with various transpiration inhibitors. Experiments conducted by others indicate that this treatment may increase survival after planting. The various chemical substances needed are being acquired now in preparation for the trial work to be done.

Progress has been satisfactory during the month with the reseeding project on some 25,000 acres of watershed area burned over in Orange County in November. Under provisions of the agreement entered into last month with cooperating agencies, it is reported to date that mustard seed has been seeded over most of the 25,000 acres of the burned area. It is reported that recent rains were not of sufficient intensity to wash the seeds from the ridge areas into ravines and if the present cold weather conditions subside, and moderate precipitation follows, there is every possibility that this seeding program will be successful. The burned area at lower elevations that was to be seeded to grass rather than mustard has not yet been accomplished.

With the services of a trained statistician in existence for the past year, the Fire Control Section of the Division has been able to spend a great deal of time in the analyzation of the over-all fire control and fire prevention problem as it presently exists on lands protected by the Division. A series of statistical studies have been under way for many months and it is hoped that in the not too distant future a summary of these studies will be in final form for publication.

End of the year records, although tentative for 1948 until such time as actual fire records have been analyzed, show the following comparison in fire occurrence and acreage burned for the last four years on approximately 30,000,000 acres of land protected by the Division.

<u>Year</u>	<u>No.</u>	<u>Acreage</u>
1945	5,755	569,452
1946	5,972	270,573
1947	5,748	293,385
1948	4,352	154,053

Construction work continued in all parts of the State during December despite unfavorable weather conditions. The Nevada City office building in Nevada County is approximately 75% complete, the office at Susanville, Lassen County, 75%, and the residence 30%; and the office at Mariposa in Mariposa County 70% complete. Work at Marysville headquarters in Yuba County will begin in January and materials are being collected and distributed for the start of work at several other locations.

A great deal of effort has been expended in preparing data to be presented to Budgets and Accounts for the construction of six additional Forestry Work Camps throughout the State. Work is also being done in preparing additional requests for postwar construction activities in both the 1948-49 and 1949-50 Fiscal Years amounting to approximately an additional \$1,800,000.

The Division's Equipment Plan is now two and a half years old and is in the process of being analyzed for the purpose of refinement and streamlining of operations. Six wheel tractors for roadside hazard reduction operation are in the process of being delivered. Eleven pickups are on order from Miller Auto Company and in the process of delivery, six of which will enter the field as pickup pumpers. Twelve dump trucks will be received within the next forty-five days at which time the dump body assemblies will be installed by Fruehauf Trailer Company. As soon as specifications are revised for fire trucks and crew trucks, 42 of these vehicles will be processed for acquisition. Eleven caterpillar tractors are in a similar status and will likewise be processed as soon as specifications are revised.

HAPPENINGS FROM OPERATIONS SECTION

The Central Files Section has prepared an "Office Employee's Handbook" which gives all the pertinent information concerning office procedure and explains and illustrates the form, etc. in the preparation of letters, circular letters, bluelines, stencils, telegrams and teletypes. This will be a very useful book for all employees as the information contained therein will strive towards uniformity in the office work as well as assist the new employee in Forestry procedure.

The number of district requisitions from the field for the 100th fiscal year is heavy, as shown by the number of estimates typed to December 21, 1948, in comparison with total number prepared in past fiscal years. Our records indicate approximately:

4,557 estimates typed first six months of 100th Fiscal Year.
6,316 estimates typed for 99th Fiscal Year.
6,050 estimates typed for 98th Fiscal Year.
6,250 estimates typed for 97th Fiscal Year.

It is estimated that approximately 10,000 estimates will be prepared by the end of the 100th Fiscal Year, June 30, 1949.

A new face to be seen in the Operations Section is Mrs. Lennie Davis who transferred from Department of Finance, Accounts and Disbursements, and is taking over the duties of Intermediate Account Clerk.

We are pleased to welcome Marjorie Neidig back to the Division of Forestry after a year's absence. She is an Intermediate Typist Clerk in the Operations Section. She formerly worked in the Division of Forestry Personnel Section.

Vacations in Operations: Dorothy Sornsen took a ten-day "flying trip" by automobile visiting New Orleans, Carlsbad Caverns, The Alamo and Mexico. Doris Jane Hales Young spent Christmas and the week after in Grass Valley with relatives.

Melvin Pomponio
Operations Officer

ANNUAL MEETING SOCIETY OF AMERICAN FORESTERS

The Society of American Foresters held its annual meeting in Boston on December 15 - 18.

The meeting was attended by 450 members and 150 guests. The first day's program was divided into nine sections; Private Forestry, Silviculture, Forest-Wildlife Management, Range Management, Forest Economics, Forest Recreation, Education, Public Relations and Forest Products. Most of the Sections were conducted on a panel and discussion basis.

The second and third days were given over to General Sessions with papers by outstanding men in the profession and to business meetings.

The high spot was the banquet at which William P. Tolley, Chancellor of Syracuse University and Albert W. Trueman, President of the University of New Brunswick each gave challenging and inspiring addresses. President Clyde Martin presented the Sir William Schlick Memorial Medal to Dr. H. H. Chapman for outstanding service in the field of forestry.

DeWitt Nelson, State Forester

U.S.F.S. PROMOTIONS ANNOUNCED

San Francisco, December 30 — California Region of the U.S. Forest Service this month announced two promotions — Andrew G. Brenneis of Santa Barbara, Supervisor of Los Padres National Forest, to become Assistant Regional Forester in charge of Personnel Management at the San Francisco regional headquarters; and Lloyd A. Rickel of Mt. Shasta, Assistant Supervisor of Shasta National Forest, to succeed Brenneis as Supervisor of Los Padres forest.

U.S.F.S. News Release - December 30, 1948

DO YOU KNOW?

1. What is the area of the State of California?
2. Of the total acreage of the State, what approximate fractional part is given fire protection by the Division?
3. What is the true common name of a very familiar Sierra foothill pine referred to by ranchers and other local people as "bull pine"?
4. Can you give the common names of three species of California brush that are valuable stock forage plants?
5. Are the boundaries of Zones 1 and 2 as defined by the Board of Forestry the same as the boundaries of Clarke McNary lands?

ANSWERS TO QUESTIONS IN EDITION #11, VOL. 7 OF THE NEWS LETTER

1. The largest County in California from the standpoint of area is San Bernardino County.
2. There are seven members of the Board of Forestry. Their representation is as follows: one the pine producing industry, one the redwood producing industry, one forest land ownership, one the range livestock industry, one agriculture, one the beneficial use of water, one from the general public at large.
3. The flower of the California Buckeye is poisonous to bees. Its scientific name is Aesculus Californica.
4. The officers of the Board of Forestry are elected by the members from their own ranks.
5. The term "wattle" is commonly used in soil erosion work. It is a method of retaining earth on steep slopes by the use of willow limbs or other material woven together across the face of the slope.

GILLETT NAMED AFPI DIRECTOR

Washington, D. C. — (Special) — Announcement was made today of the selection of Charles A. Gillett as managing director of the American Forest Products Industries, Inc., a national educational association of lumber, pulp and paper, and plywood industries with headquarters in Washington, D. C., and field offices in New Orleans, Boston, and Portland, Oregon.

Gillett succeeds Chapin Collins who will resume publication of newspapers he owns in the State of Washington. Collins has served with the forestry organization since 1943.

Gillett has been the Chief Forester for the American Forest Products Industries, and previously was forester for the Seaboard Air Line Railway. Gillett also served as Arkansas' first state forester, as extension forester in Arkansas, and North Dakota, and as assistant extension forester in New York State.

The Association he now heads is national sponsor of the American Tree Farm program, the "Keep America Green" movement for forest fire prevention, and other projects

to encourage better management and protection of forest lands.

AFPI Press Release - December 15, 1948

ABOUT THE DIVISION

PROMOTION ACKNOWLEDGED

We of Tuolumne County congratulate Raleigh A. Taylor upon his appointment as Supervisor of Conservation Education.

During his stay in District III we feel that, in numerous ways, he has shown us and helped us on toward better organization, better cooperation, and better fire prevention.

From a selfish standpoint, we regret losing Mr. Taylor, but realizing that our loss is Southern California's gain, we wish you Raleigh, the best of success in your new position.

Ed Minners
Associate State Forest Ranger

FIRE SEASON END CELEBRATED

Saturday night, November 20, was a gay night for the C.D.F. employees and their guests in Tuolumne County. After a season of fire-smudged suntans, and dark green ties, all business, little or no time for social life - everyone donned their best "bib and tucker", gaily splashed ties - in bright red, brighter yellows and even brighter oranges, they all stepped out. Occasion? "End-of-fire-season Dinner-Dance" held at El Nido. All came early and stayed late. The food was delicious and the music super.

A bit of social news seaped through when a sparkler was noted on the left hand, ring finger of one lovely guest, Mary Wells. Congrats! Tom. Tom Sharrock, TAU Foreman, the lucky fellow.

Those who attended and enjoyed the evening until the wee hours of the morning were our amiable host, Ranger Ed Minners, and wife Mary, Associate Ranger and Mrs. Bert Harris, Dispatcher and Mrs. Harry Hall, Assistant and Mrs. Clint Phillips, Assistant Stew Sinclair, Clerk Anne Wilsey, Lookout "Pappy" Burgess, Cook Mary E. Lynch, Foreman Jack Davey, Foreman and Mrs. Ben Clayton, Equipment Operator and Mrs. Roy E. Moon, Foreman and Mrs. Hoppy Hopkins, Equipment Operator Jack Maneely and guest Louise Coast, Driver and Mrs. Jerry O'Reilly, Foreman Jenk Jenkins, Driver and Mrs. Ralph Bemiss, Driver Fred Stedman, Foreman Loren Hill and guest Beverly Burke, and the much befuddled Foreman Tom Sharrock, and fiancée Mary Wells.

It was good to see our men work together as a unit through the tenseness of the fire season, and it was good to see them relax and enjoy a pleasant evening together, also.

We in Tuolumne County think an "End of the fire season ball" is a good plan. Lets try it again.

Ed Minners
State Forest Ranger

PENTACHLOROPHENOL DEMONSTRATION

A fence post treatment demonstration was held on December 15th at the ranch of T. Wilcox near Cottonwood, California, in cooperation with the Shasta County Farm Advisor's Office.

Those attending were shown the cold soak process of treating pine fence posts with 5% pentachlorophenol in diesel fuel. Incising was explained and a homemade incising tool shown. Costs and handling problems were discussed and the advantages of the utilization of farm woodlot thinnings was brought before the group.

It was decided that similar demonstrations would be held in other parts of Shasta County as well as in other counties within the district.

H. B. Kaufner
Forest Technician

ELDORADO NEWS

Herewith is a bit of babble to be printed in the "News Letter", if it is considered fit material. It might possibly be a good idea to check it over for extraneous matter.

In order to get El Dorado County's hat in the ring, at least within District III, we hereby take great pride in announcing a new arrival, Christine Louise Moore, 7 lbs. 11 oz, born December 15th. Mother and daughter doing well. Daddy, however, we are unable to account for. He came rushing into the office on the morning of the 16th, made his announcement and ran screaming out the door. He hasn't been heard from since. Howard, incidentally, is (or was, if he never recovers) the Forest Practice Inspector in this county.

On December 19th, there foregathered high atop Mt. Danaher for the purpose of enjoying a Christmas party, a goodly number of Forestry employees, their wives and families. A total incidentally, of 50 - all hungry. Among those to seat themselves at the groaning festive board were Deputy Fred Dunow, erstwhile Fire Prevention Officer Raleigh Taylor, Dispatcher Joe Quinlan, Vivien Woods and "10-4" Bennetts from the District Office and quite a few from various parts of the State who were at one time employed in this county. An epicurean repast was ably concocted by that mistress of the culinary art, Mrs. H. B. McPherson, assisted by Mrs. Dixon and Mrs. Miller. What might have been a severe body blow to an already weakened mess account was diverted by donations from county personnel - a turkey by Ranger Dixon, pies, salads, etc. from others - to whom go our thanks.

One of the high spots of the afternoon was the presentation to Fred Dunow of his honorary Placerville Police Department badge. (Fred considers he now owns a 51% interest in the organization.)

A. W. Jones
Forest Fire Dispatcher

NEWS FROM PLACER COUNTY

Deputy State Forester John Callaghan and family were visitors at our Auburn Headquarters on January 2 and 3. We are always happy to have John return to his former haunts but it seems that his visits always presage a series of misfortunes. On a previous visit in 1947 we had our first campaign fire of the year and on the second day of that

fire the most destructive fire of the year occurred when the Cal-Ida Lumber yard was consumed.

Following John's most recent visit we had three fires within 24 hours at a time when our fire occurrence normally is limited to about one fire every three weeks. The first was a minor conflagration in a sawdust bin at the same Cal-Ida mill. The second was a truck fire which resulted when the truck left the highway just below the Auburn station. The third was the most disastrous fire that we have encountered to date.

At 6:30 p.m. on January 4 we received two local calls from Auburn residents who stated that they had seen an object to the northeast which appeared to be a plane coming down in flames. Two trucks were dispatched from Auburn in the general direction of the reported location and one Assistant Ranger was sent from Colfax. The plane crash was located about 600 feet off of Ponderosa Way along the North Fork of the American River. The plane had caught fire while in the air and a wing and one engine had broken off, with the result that the balance of the plane plummeted to the earth in a tight spin with the centrifugal force apparently hurling all of the passengers to the rear of the fuselage where they were unable to reach the escape hatch. At this writing it appears that there were eight military personnel killed in the fire or resulting crash. The plane was a C-47 which was on a routine weather observation flight and was enroute from Ogden, Utah to McClellan Field.

Fire fighting efforts were greatly handicapped by the fact that subfreezing temperatures were encountered and the hose line froze up on the first attempt. A second line was laid through which water flow was maintained but very little could be done since the plane was so completely demolished by the fire and the impact. Quite by coincidence the crash took place near Ponderosa Way which afforded easy access for officials to the scene. This area consists of rather rugged terrain and the chances were very small that the crash should occur in such an accessible location.

We were happy to have also as visitors over the holidays two former District III employees who have since transferred to the sunny south, namely Tom Bryan from San Bernardino and Frank Weatherford from Orange County. Frank's visit was necessarily short since he arrived at a time when we were in the breaking-out stage with chicken pox and he quickly withdrew.

Like most of the rest of the state we have been in the throes of freezing temperatures with the mercury dropping to what some of the local people say is the lowest that they can remember. Also, not to be outdone by District VI we encountered an earthquake recently which appears to be possibly responsible for the cracking of seven or eight window panes in the lookout tower at Mt. Howell.

Emery Sloat
State Forest Ranger

STATE FORESTER'S SPEECH PRAISED

Ranger Lindley, being on annual leave, gives me a long awaited chance to write an article for the News Letter. It being my first, I am being very particular about what I write, therefore, select as my subject of discussion a very interesting speech that came in the mail recently.

"A SPEECH GIVEN BY DeWITT NELSON, STATE FORESTER AT THE STATE CHAMBER OF COMMERCE MEETING HELD IN SAN FRANCISCO, IN DECEMBER."

I particularly liked the way in which he started his talk comparing the present day water shortage, with that of the 49'ers and their problems. It really puts this

generation on the spot, either they come through with an idea to deal with the water problem or the 49'ers are one up on us. Also, his special interest in conserving all natural resources in order to further the advancement of California. He stressed the "STATE WIDE FIRE PREVENTION PROGRAM", also, the future of the program, and I quote: "The job of fire prevention must be streamlined in the Division of Forestry". With experience we can more completely integrate this work with the host of other responsibilities we have. In a few years I hope to be able to say the Division personnel are taking advantage of every opportunity, whether it be in the field of education, hazard reduction, or law enforcement. To succeed in reducing the annual fire loss, every organized group in the State must share the responsibility of changing public opinion from one of indifference to one of personal concern. "Also, he brought out the fact that replacement of fire equipment is available for the first time in eight years.

Mr. Nelson, concludes his speech with: To my way of thinking we have proven this year that fire prevention, including the reduction of physical hazards, law enforcement, and public education, has helped reduce losses during 1948 - fire prevention has been my business - it should be your business, because it is a good business." Not because this talk was given by the Chief of our department, but I think it should be a "must" that every employee read and digest this paper.

The number of fires may be reduced but not weddings. "You know that tall good looking sandy haired Forestry Foreman Eugene Martin, from up north - Yreka way - was married in Hanford in December to Barbara Brownlee, of Yreka, I can see your point Gene, "BARBARA IS A HONEY". The wedding, was a lovely affair with flowers and everything, followed by a grand reception at the Lindley home. If any of you live near Gene, and Barbara, and need anything, don't hesitate to borrow from them as they received numerous useful things. "OUR VERY BEST WISHES FOR YOU BOTH, MR. AND MRS. MARTIN."

Myrtle Boyd
Clerk & Dispatcher

FRESNO COUNTY REPORTS

The stork made a flying trip to Fresno County for the second time in less than thirty days. Arriving shortly after 8:00 A.M. on Monday, December 20th, he left a 7 lb. 3 oz. baby boy with Mr. and Mrs. David C. Saether. Dave, the proud Daddy, is one of the Schedule "A" drivers stationed at County Headquarters. The baby boy has been named David Saether, Jr.

Fresno County wishes to thank the unidentified writer (November News Letter), who wrote such nice things about us. We are glad that everyone enjoyed their stay with us and hope that they all return some day for another visit. By the way fellows, that 39¢ meal cost was wrong, we serve for less than that.

The Four-Step Method of Instructors Training, will be passed on to the personnel of Fresno County during a five-day training school to be held during January at County Headquarters.

Forms for the garage and warehouse at the Hurley Fire Control Station will be built and concrete poured during the early part of January.

This is a small world after all. During the recent training school held in Fresno, I had occasion to go into the Dispatchers office one evening and ran into Chuck Ulrey from San Bernardino. Chuck and I worked together years and years and years ago. You guessed it, lots of reminiscing during the remainder of the training period.

Maintenance of improvements is well under way in this county. Several of the stations are flashing new roof paint and the Coalinga District Headquarters received a complete paint job. Ace Walker, District IV Painter, deserves a lot of credit for a fine job.

The Christmas Tree situation this year was improved, but the waste is still very large. On Monday and Tuesday, December 27th and 28th, truck loads of unsold trees were observed being hauled away from the sales yards to be burned.

Cecil E. Metcalf, Deputy State Forester, District IV, has returned from an extended pleasure and business trip. The trip took him to the Great Lakes region and through the deep south.

Ray Higgins
Associate Ranger

METCALF SUMMARIZES EASTERN TRIP

Many Division employees know that I took a trip back East during the latter part of November and most of December, and perhaps would like to know of some of my casual observations as it pertains to Forestry.

We left California on the night of November 17th with our destination as St. Paul, Minneapolis, thence to Michigan, and finally to California via Ohio, West Virginia, Virginia, Maryland, Washington, D.C., Georgia, Florida, Mississippi, Louisiana, Texas, New Mexico, and Arizona.

The outstanding thing which impressed me as far as Forestry and Fire Prevention are concerned is the development of roadside picnic areas. I refer especially to development in Michigan where the most extensive roadside work is done and it is carried on by the highway department. There, areas are set aside with inexpensive improvements, such as tables, camp stoves, and sanitary facilities. In all of the so-called Southern or Dixie States, the same program is followed, with the exception that in these states the development consists of just tables and camp stoves. No water or sanitary facilities are furnished. In Florida these facilities are furnished by the State park system.

In my traveling over 5,000 miles on state highways through the states mentioned, there was hardly a stretch of highway 30 miles long that was not taken care of by furnishing some facilities for the traveling public—that is, where conditions were favorable, such as natural shade is concerned, and in many instances even shelters were constructed for shade. It seems peculiar that when California is inviting everyone to come here to enjoy her recreational wonders, especially during the Centennial year of 1949, that in no instance has any agency furnished facilities for picnickers along her main state highways or highly developed county highways. We ask those coming into our state during the high fire risk season to be extremely cautious, but we do nothing to help those people who want to picnic to abide by our fire laws. It is hoped that some organization will realize the seriousness of this situation and take some immediate action.

From casual observation, the Florida Forestry Department leads the other states in fire prevention propaganda, such as roadside signs, etc. I was favorably impressed with the interior finishing of the State Forester's office in Tallahassee, Florida, as they have used the same scheme as is used in the State Forester's Office in Oregon—and that is, using the native woods for interior finishing. In both

instances, these offices really impressed me and am sure they must impress the public in general. I am wondering if it would not be well for us to consider following this type of interior decoration in our new county and district offices which are now being constructed and those to be constructed in the future. As to forestry, we have everything in California they have anywhere else--and a lot more.

In looking through the Smithsonian Institute at Washington, D.C. and in going through the department where different woods are displayed, I came upon a colored picture of Woody Metcalf stripping cork oak from a tree at Kearney Park, Fresno, California. He has not explained to me why he would allow his picture to be displayed in such a prominent place when he doesn't have on even an undershirt. You ask him.

C. E. Metcalf
Deputy State Forester

A LETTER OF THANKS TO RANGER GEORGE BRITTON

"I want to formally express our sincere appreciation of your gracious hospitality a week ago Sunday when our party from the Adult Center visited your station at Alma."

"I know you went to considerable trouble to make these arrangements, and we appreciate the kind cooperation of both yourself and the men stationed at your headquarters in making the trip so interesting and informative. I am sure our people have much greater appreciation of the splendid work being done by the men of the service, which is such a vital part of our own lives, though we little realize it."

"It is our hope that at some future time it may be possible to see more of the fine pictures you have taken. I understand the pictures of some of the fires you have suppressed are quite outstanding, and at some future date it may be possible for us to either visit you again or have you attend one of our meetings here at the school."

"Again my sincere thanks for all you did for us."

Very truly yours,

s/ H. Price Webb, Coordinator
Distributive Education
San Jose Unified School District

SANTA CLARA HEADQUARTERS HOST TO FORESTRY CLASS

Last Saturday morning 85 members of the Forestry Class of the San Jose College visited Alma Station where they were divided into three groups and talks were given by Ranger Britton, Associate Ranger Nash and Assistant Ranger Sharpe and Foreman Garza on the different functions and activities of our organization. The program was concluded with the showing of the various fire films of our roadside hazard reduction work in some of the winter work projects.

The meeting adjourned at 1:00 p.m. at which time Professor Jacobs expressed his appreciation for the courtesy extended him and the class here at Alma.

George Britton
State Forest Ranger

NEWS FROM DISTRICT VI

The month of December saw some of District VI Headquarters personnel vacationing. Deputy Mace and family spent the holidays at Ione, a superb of Sacramento, whose population - we understand - is made up entirely of the Mace's kinsfolk. Assistant Deputy Bertsch and family sojourned to Phoenix, Arizona, and was amazed to find Arizona weather much the same as we experienced here in Southern California (Not good). Our Personnel Clerk, Louise Fitzgerald, vacationed in Florida and found that not even Florida could boast of their usually wonderful winters. Holding down the fort with his usual dispatch and efficiency was Associate Ranger Jack Burke. From all indications, each and everyone spent very enjoyable holidays.

Now that everyone is rested and once again on the job, we are all determined to make this year an even better one than last; one filled with accomplishments evidence of a job well done. The wheels of progress are turning in tune with deadlines and anticipated projects.

In the next issue of the News Letter, District VI hopes to be able to once again boast of their summer-like winter. We are at present at a loss to explain the reason for such freezing weather.

District VI Headquarters

NEWS FROM CAMP ELLIOTT

Winter is blowing its cold breath down the necks of the residents, even in sunny Southern California and the Forestry personnel are starting to relax for the holiday season before they put on their working clothes for the winter projects. For the crew at Camp Elliott on the structural crews; however, it is a period of intensified training for winter brings the structural season.

Also, we will be having a new crew to train this month, so it just goes to prove the old saying - "There's no rest for the wicked!"

Frank M. Anderson, Assistant Ranger

WHO'S WHO??????

An engineer is said to be a man who knows a great deal about very little and who goes along learning more and more about less and less until finally he knows practically everything about nothing.

A salesman, on the other hand, is a man who knows a very little about many things and keeps learning less and less about more and more until he knows practically nothing about everything.

A purchasing agent starts out knowing practically everything about everything about everything but ends up knowing nothing about nothing due to his association with engineers and salesmen.

What do you want to be when you grow up?

Courtesy of: H. A. "Bert" Holcomb
Radio Technician
LaMesa Headquarters

THE SATIRICAL PATROLMAN!

This I am about to relate is not new to the old and salty legions of field men who every year patrol their respective districts; but, let us revive the topic with respect to fledgling patrolmen like myself. As you may recall, San Diego County appointed four of us impressionable young men to be patrolmen and as you can well imagine, the horizons were limitless, the possibilities were beyond description. In short, friends, we were out to do big things !!! Ah, the glory of it all!!!

On hitting the trail away over the back roads of said County, I spotted a wisp of smoke blossoming out of the distant scene. As it is high noon, I mentally deduct that all is not as it should be and swiftly go over my instructions, enumerating each until I run out of fingers. Not bothering to take off my shoes to continue to count, I decide on a frontal attack on this flagrant fire law violator that I have come to give the gospel to. At this moment, my exalted position in life is very enviable indeed. This graven hardened soul who has the audacity to burn in the middle of the day, contrary to rules, turns out to be a sweet looking old lady that anyone would be proud to call Grandma, but with only a slight pause I proceed because I have journeyed from afar with glad tidings to help all mankind. After the customary formalities I point out the beauties of nature, the danger of fire, and expound dramatically and loudly on caution. She says not a word. Working myself into the spirit of the thing, I roll on and on until, out of breath, I finish telling of the ravages of forest fires. At this point she softly announces that she has a valid open hour permit and all is according to hoyle. My exalted and enviable position is no longer the thing it used to be. Driving rather swiftly and definitely away, I make a mental note to let the customer have his say before I start mine.

The next unfortunate person to be enlightened by my visit is a large gentleman of ample proportions, burning a huge pile of brush with a pencil thin control line separating it from a heavy chapparal covered mountain. As the wind is blowing about 30 m.p.h., I consider the whole thing worthy of my personal remarks commencing with the time worn method of asking the customer if he realizes the danger. I am stopped cold in my tracks as he gives vent to a senatorian roar - "Son" he bellows as my John B. goes spinning from my head, "You don't know what fire is."

I take this tidbit and mull it over awhile. "Son", he starts off again, "I fought big bad forest fires when you were still wearing three-cornered pants".

I feel my pants for reassurance, for as far as I am concerned, this conversation has gotten slightly out of hand.

"Ah can remember back to the fire of '99 and ah was a forest ranger myself!" He sounds like Senator Foghorn, with emphasis on the "Horn", but as I said before, I am an impressionable young man.

"Thar ah was, fire all around and ah, the people's only hope". My mouth hung open, "But with mah indomitable courage, ah saved them all." I closed my mouth, "But it was plenty scary, son", I had chills, "Listen boy", says he, "You asked me if ah knows anything about fire", I hung my head, "Jest ya come up and let me tell ya about it sometime."

As I drive away, I try to think who the bird was that told me a patrolman's job is a racket..

The Fourth of July is a time of year that never fails to thrill the kiddies, but brings headaches to honorable and respected "noggins" of foresters throughout the

country. Our assignment of this festive occasion needs no explanation; but there I am out looking for wayward individuals. With the fall of night our interest is aroused by an amazing display of sparklers from a local campground. Doing my duty, as ordered, I find myself in the midst of a group of very small tots, their hands full of the appropriate pyrotechnics for the occasion.

"Yes, madam", I say, "Unfortunately, I must ask you to take those things away from the mites because those items are strictly forbidden in forest areas." I glance around to see four pairs of tear-filled eyes. I take an ogre's glance and go into my tirade. The eyes begin to spill over and I feel as though Dracula and I are buddies of long standing. The sobs are heart rending as I clank my chains, swirl my black cloak around me and drive away. Yeah, this guy's a rat!

This is a whimsical summary of this year's work, but with all kidding aside, we four patrolmen feel that our work has not been in vain. The letter and word "I" in this, should not be misconstrued to mean myself, but to represent all the men in the field doing patrol work on just such an average day as this. THANKS LADS!!!

Raymond Banks
Forest Firefighter Foreman Patrolman

INSECT CONTROL PROJECT ACTIVITIES IN SAN DIEGO COUNTY

Rumor has it that a revolt is brewing in the San Diego County Headquarters Office. Nothing official has been issued from that office, however, in an interview with "Miss Beetle of 1948", it was learned that the fair sex of that office are donning battle dress for the oncoming revolution. The girls are slightly annoyed at the "Bugmen". Last year, rumor has it, all the men connected with the "Battle of the Bugs" had a wonderful time playing in the snow up to their knees and chopping down trees along with splitting their toes. While in the office, the girls slaved over hot typewriters making out the miles of forms necessary for the demise of each beetle family. The girls are tired of climbing the mountains of paperwork connected with this "Battle." This year, the girls want to share in the fun, they want to play in the snow, they want to enjoy the wonderful mountain air. Could be they would like some of the wonderful food that was served last year too. (But they didn't say anything about this). So, the girls are planning to take over the field work and let the big bugmen take over the office.

As yet this reporter has been unable to confirm these rumors, but I wonder how the "Ips" would react to the "New Look"!!

"Bessie Beetle"

The following lyrics have been provided by Leona "Cole Porter" Mingo, Intermediate Stenographer-Clerk, San Diego County Headquarters, to be sung to the tune of "Springtime in the Rockies":

When its "Bug Time" in the mountains,
We'll be coming back to you
Little Ips Engraver Beetles
In the pines you love to chew.

Once again we'll hunt and kill you,
We will chop and burn and treat,
We'll keep on until we find you
And your kinsfolk small and great.

We're tired of seeing our trees die,
We want them to stay green.
So we'll work and slave to keep them,
Even though you think us mean.

When its "Bug Time" in the mountains,
We'll be coming back to your
Little Ips Engraver Beetles,
But please do not feel blue.

FORESTRY AT HOME AND ABROAD

NAVAL STORES EXTRACTED FROM PONDEROSA PINE STUMPWOOD

Tests have shown that a ton of Ponderosa pine stumpwood has an average yield of more than 500 pounds of extract compared with a yield of about 600 pounds from southern pine stumpwood, according to Dr. Arthur B. Anderson, formerly engaged in research for the Western Pine Association but now attached to the Oregon Lumber Company.

Dr. Anderson discussed the recovery of naval stores from Ponderosa pine stumps at a recent meeting of the American Chemical Society in Portland, Oregon.

Tar, rosin, turpentine, and numerous other extractives are obtained from stumps of the southern pine species, and it is thought that after some further research to evaluate the Ponderosa pine naval stores products it will be feasible to extract them on a commercial basis.

Forestry News - January, 1949

SOUTH PUTS EIGHT MILLION MORE ACRES UNDER PROTECTION

According to J. Herbert Stone, U. S. Southern Regional Forester, the eleven southern states will spend approximately \$8,000,000 this year to protect their woods from fire—about \$1,300,000 more than last year. Of this amount, the federal government will contribute \$2,697,000 under the cooperative state-federal Clarke-McNary fire protection law. The remainder will come from state, county, and private funds. These figures do not include amounts to be used in fire protection on the Southern National Forests.

Mr. Stone said that the bigger budget would enable the states to expand fire protection to an additional 8,000,000 acres, bringing the South's total protected acreage of non-federal forest lands to nearly 100,000,000.

Over 73,500,000 acres or 43 percent of woodlands remain unprotected in the South despite this year's progress, Stone said. This represents about 75 percent of the Nation's total unprotected forest land.

Forestry News - January, 1949

PARK REVENUES AT NEW HIGH

The revenues of the National Park System and other areas administered by the National Park Service reached a new record high during the 1948 fiscal year, with a total of \$3,303,327, Director Newton B. Drury has announced. This is an increase of \$379,741 over 1947 receipts.

The 1948 revenues amounted to approximately 53 percent of the cost of administration, protection, and maintenance of the 180 areas administered by the National Park Service during the year. All receipts are covered into the United States Treasury, and are not available for expenditure by the Service, whose operation are wholly dependent on appropriated funds.

Forestry News, January-1949

PULP MILL ELIMINATES WASTE BY USING MAGNESIUM OXIDE

A new process in the manufacture of sulphite wood pulp has been announced by Howard W. Morgan, manager of the Pulp Division, Weyerhaeuser Timber Company.

The new method, now being used at Weyerhaeuser's Longview, Washington operation, allows more complete utilization of Pacific Northwest timber species through recovery from waste pulping liquors of chemicals used in the production of sulphite pulp, and steam and power energy from organic solids in solution. As a result, stream pollution resulting from waste liquors being discharged into streams will be eliminated.

Forestry News, January, 1949

OREGON VOTERS APPROVE REFORESTATION BILL

Oregon voters approved a state constitutional amendment on November 2, that enables the legislature and board of forestry to issue bonds to finance "state forest rehabilitation, reforestation and acquisition of lands."

The measure was the second and concluding phase of a broad forestry program presented to the 1947 legislature by the late Governor Earl Snell and his specially appointed forestry committee.

The first part was enacted by the 1947 legislature, a five cents a thousand levy on all forest products harvested in the state -- the proceeds to go 60 per cent to the forest products laboratory at Oregon State College and 40 per cent to the State board of forestry for research in forest rehabilitation and management.

The measure just approved by the voters makes the reforestation part of the Snell program possible. Under it general obligation bonds not to exceed 3/4 of one per cent of the total state assessed valuation can be issued for carrying out a long-range program of getting state forest lands into the productive condition desired.

Forestry Digest, December, 1948

ELLERY FOSTER LAUNCHES DRIVE TO PUT FORESTRY INTO FORESTS

Announcing that he had resigned as director of research for the International Woodworkers of America (C.I.O.), Ellery Foster in November launched a new program called "Task Force to put Forestry into the Forests."

According to the new plan it is proposed, first, that a complete system of logging roads be developed immediately, that a plan for the current inventory and selection of trees for logging by trained foresters be set up, and that the sale of such trees for logging by private operators be on the basis of equal opportunity.

The second part of the program, dealing with the management of private forests, would provide a program of assistance and incentives, including low-cost credit,

conservation payments, and technical assistance.

"The task of TF-FIF is to educate the public and especially the politicians to do what it takes to put real forestry into the forests," stated Mr. Foster.

He advocates that federal agencies and private individuals place "necessary forestry restrictions" on the title to forest land rather than sell it in fee simple, and thinks that the government should offer incentive payments to get the private owners to so restrict the title to their land.

A Member of the Society of American Foresters, Foster, who is 43, was at one time state forester of his native Minnesota and was employed for 16 years by the U.S. Forest Service. His headquarters for the drive to put "forestry into the forests where it counts most, namely in connection with logging operations" will be at Lake Grove, Oregon.

Forestry News, January, 1949

NATIONAL FOREST RECEIPTS DOUBLE LAST YEAR'S FIGURES

Receipts from the operation of national forests for the three months ending September 30, were almost double those for the corresponding period last year, the Forest Service has reported.

Of the total receipts, the returns from timber sales, up 17 percent in volume, amounted to \$9,774,681 as compared with \$5,253,618 for the corresponding quarter last year.

All national forest receipts are deposited in the Treasury of the United States. Twenty-five percent of the receipts, except for a few minor exceptions covered by special legislation, is returned in lieu of taxes to the States in which the forests are located, to be used for schools and roads. An additional 10 percent from each State is allocated to the Forest Service for construction and maintenance of roads and trails within the forests situated in the State.

Forestry News, January, 1949

INTERIOR SELLS BILLION FEET

A total of 1,247,683,000 board feet of timber valued at \$6,861,056 was cut on Department of Interior land during the 1948 fiscal year. This was an average value of \$5.49 per thousand board feet, as compared with \$4.56 per thousand in 1947.

Forestry News, January, 1949

*State fish & game
Sacramento Calif*